

PATENT

Attorney Docket No. 22762XY4S

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ross, et al.

Serial No.: 09/134,472

Group Art Unit: 1646

Filed: August 14, 1998

For: **Carboxylic Acids and Isosteres of N-Heterocyclic Compounds
for Vision and Memory Disorders**

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office are the following:

- (1) Transmittal Letter;
- (2) Information Disclosure Statement; and
- (3) Form PTO-1449.


Please charge any required fee, or credit any overpayment, in connection with this matter to deposit Account No. 14-0112.

Respectfully submitted,

NATH & ASSOCIATES

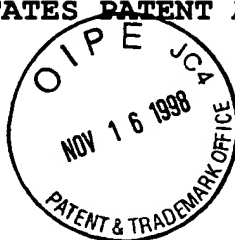
Date: November 16, 1998

By:



Gary M. Nath
Reg. No. 26,965
Suet M. Chong
Reg. No. 38,104
Lee C. Heiman
Reg. No. 41,827

NATH & ASSOCIATES
1030 15th Street, N.W.
6th Floor
Washington, D.C. 20005
Tel: (202)-775-8383
Fax: (202)-775-8396



RECEIVED
NOV 17 PM 2:03
FBI/DOJ

43
T.P.P

PATENT

Attorney Docket No. 22762XY4S

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ross, et al.

Serial No.: 09/134,472

Filed: August 14, 1998



Group Art Unit: 1646

For: **Carboxylic Acids and Isosteres of N-Heterocyclic Compounds
for Vision and Memory Disorders**

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. 1.56 and 1.97-1.99, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the captioned application. No fee is required for this submission because it is submitted within three months from the filing date or before a First Office Action on the merits has been mailed by the U.S. Patent and Trademark Office (USPTO).

A completed Form PTO-1449 is attached hereto. Copies of the cited references are concurrently filed with the Information Disclosure Statement in U.S. Patent Application No. 09/134,422, pursuant to agreement with Examiner Zohreh Fay, Art Group 1614. If additional copies of the references cited herein are required, kindly telephone the undersigned attorney. The Examiner is

RECEIVED
COMMUNICATIONS SECTION
NOV 17 PM 2:03
\$2.75

PATENT

Attorney Docket No. 22762XY4S

Serial No.: 09/134,472

respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these documents have been considered by the Examiner and made of record in this application.

The Examiner is also respectfully requested to cite the following pending applications in the next Office Action to confirm that they have been considered and made of record in this application:

Pyrrolidine Derivatives for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,423

Filed: August 14, 1998

Inventors: Ross, et al.

Pipecolic Acid Derivatives for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,417

Filed: August 14, 1998

Inventors: Ross, et al.

Small Molecule Pipecolic Acid Derivative Compositions and Uses for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,418

Filed: August 14, 1998

Inventors: Ross, et al.

Compositions and Uses for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,422

Filed: August 14, 1998

Inventors: Ross, et al.

PATENT

Attorney Docket No. 22762XY4S

Serial No.: 09/134,472

Small Molecule Sulfonamides for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,473

Filed: August 14, 1998

Inventors: Ross, et al.

Small Molecule Carbamates or Ureas for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,475

Filed: August 14, 1998

Inventors: Ross, et al.

Heterocyclic Thioesters or Ketones for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,424

Filed: August 14, 1998

Inventors: Ross, et al.

Heterocyclic Esters or Amides for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,419

Filed: August 14, 1998

Inventors: Ross, et al.

Carboxylic Acids and Isosteres of Heterocyclic Ring Compounds Having Multiple Heteroatoms for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,476

Filed: August 14, 1998

Inventors: Ross, et al.

N-Oxides of Heterocyclic Ester, Amide, Thioester, or Ketone for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,474

Filed: August 14, 1998

Inventors: Ross, et al.

N-Linked Urea or Carbamate of Heterocyclic Thioester for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,416

Filed: August 14, 1998

Inventors: Ross, et al.

Ureas and Carbamates of N-Heterocyclic Carboxylic Acids and Isosteres for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,420

PATENT

Attorney Docket No. 22762XY4S

Serial No.: 09/134,472

Filed: August 14, 1998

Inventors: Ross, et al.

N-linked Sulfonamide of Heterocyclic Thioesters for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,421

Filed: August 14, 1998

Inventors: Ross, et al.

N-linked Sulfonamides of N-Heterocyclic Carboxylic Acids or Isosteres for Vision and Memory Disorders

U.S. Patent Application Serial No. 09/134,471

Filed: August 14, 1998

Inventors: Ross, et al.

Copies of the above-identified U.S. patent applications are not required to be submitted under 37 C.F.R. §1.98 (a) (2) (iii).

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned attorney.

Respectfully submitted,

NATH & ASSOCIATES

Date:

November 16, 1998



Gary M. Nath

Reg. No. 26,965

Suet M. Chong

Reg. No. 38,104

NATH & ASSOCIATES

1030 15th Street, N.W.

6th Floor

Washington, D.C. 20005

Tel: (202) 775-8383

Fax: (202) 775-8396

GMN:SMC:LCH

FORM PTO-1449 INFORMATION DISCLOSURE CITATION				Attorney Docket 22762XY4S		Serial Number 09/134,472	
				Applicant <div style="text-align: center;">Ross, et al.</div>			
				Filing Date August 14, 1998		Group Art Unit 1646	

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA	5,736,516	4/7/98	Louis	514	12	2/6/97
	AB	5,700,909	12/23/97	O'Brien	530	326	4/21/94
	AC	5,693,645	12/2/97	Sharpe, et al.	514	278	12/23/92
	AD	5,688,765	11/18/97	Sullivan	514	12	6/7/95
	AE	5,667,968	9/16/97	LaVail, et al.	514	12	11/4/94
	AF	5,641,750	6/24/97	Louis	514	12	11/29/95
	AG	5,641,749	6/24/97	Louis	514	12	11/29/95
	AH	5,632,984	5/27/97	Wong	424	85.4	9/28/94
	AI	5,620,921	4/15/97	Sullivan	514	178	9/21/93
	AJ	5,532,248	7/2/96	Goulet, et al.	514	291	5/12/95
	AK	5,527,533	6/18/96	Tso, et al.	424	422	10/27/94
	AL	5,514,686	5/7/96	Mochizuki, et al.	514	297	4/24/92
	AM	5,468,752	11/21/95	Freeman	514	272	4/4/94
	AN	5,457,111	10/10/95	Luly, et al.	514	291	11/9/93

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Trans-lation
	AO	WO 9827975	7/2/98	PCT			Yes

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AP		

Examiner	Date Considered
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609.
 Draw line through citation if not in conformance and not considered.
 Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE CITATION</u>				Attorney Docket 22762XY4S		Serial Number 09/134,472	
				Applicant Ross, et al.			
				Filing Date August 14, 1998		Group Art Unit 1646	

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	BA	5,441,977	8/15/95	Russo, et al.	514	411	3/1/94
	BB	5,441,937	8/15/95	Wallace, et al.	514	21	1/21/94
	BC	5,387,589	2/7/95	Kulkarni	514	291	11/17/92
	BD	5,368,865	11/29/94	Asakura, et al.	424	489	7/27/93
	BE	5,284,826	2/8/94	Eberle	514	11	8/27/92
	BF	5,258,389	11/2/93	Goulet, et al.	514	291	11/9/92
	BG	5,252,319	11/12/93	Babcock, et al.	424	78.04	2/19/92
	BH	5,244,902	9/14/93	Sharpe, et al.	514	278	2/5/92
	BI	5,198,454	3/30/93	Chiou, et al.	514	369	12/3/91
	BJ	5,194,434	3/16/93	Chiou, et al.	514	227.2	12/3/91
	BK	5,192,773	3/9/93	Armistead, et al.	514	315	1/2/90
	BL	5,189,042	2/23/93	Goulet, et al.	514	291	8/22/91
	BM	5,011,844	4/30/91	Fehr	514	291	8/25/89
	BN	4, 839,342	6/13/89	Kaswan	514	11	9/3/87

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Trans-lation
	BO						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	BP		

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	